Customer No. 22,852
Attorney Docket No. 06502.0054-01

Please replace paragraph 3, pages 12–13 with the following:

The discovery server 214 detects when a new device is added to the exemplary distributed system 100, during a process known as boot and join or discovery, and when such a new device is detected, the discovery server passes a reference to the lookup service 212 to the new device, so that the new device may register its services with the lookup service and become a member of the Djinn. After registration, the new device becomes a member of the Djinn, and as a result, it may access all the services contained in the lookup service 212. The process of boot and join is described in greater detail in co-pending U.S. Patent Application No. 09/044,939, entitled "Apparatus and Method for providing Downloadable Code for Use in Communicating with a Device in a Distributed System," which has previously been incorporated by reference.

IN THE CLAIMS:

Cancel claims 1–4 and 10–13 without prejudice or disclaimer of the subject matter thereof. Please amend claim 5 and add new claims 14 and 15, as follows:

5. (Amended) A distributed computer system comprising:

a memory containing a first virtual machine;

a memory containing a second virtual machine executing a process that receives, from the first virtual machine, a registration of interest in an event and transmits a message in response to the occurrence of the event, the registration of interest and the message including computer code;

a memory containing a third virtual machine for receiving the message and executing the computer code; and

Customer No. 22,852
Attorney Docket No. 06502.0054-01

If there is any fee due in connection with the filing of this Preliminary

Amendment, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: December 17, 2001

By:

Jeffrey A. Berkowitz
Reg. No. 36,743

APPENDIX:

Specification

On page 1, line 1, after "Provisional U.S. Patent Application No." insert "076,048/60" and delete "＿＿＿＿＿＿＿."

On page 1, line 3, after "U.S. Patent Application No." insert "044,923/09" and delete "＿＿＿＿＿."

On page 1, line 4, after "Storage," delete "bearing attorney docket no. 06502. 0011 -01000."

On page 1, line 4, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 1, line 5, after "U.S. Patent Application No." insert "044,838/09" and delete

On page 1, line 6, after "Distributed System, " delete "bearing attorney docket no. 06502.0011-02000."

On page 1, line 7, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 1, line 8, after "U.S. Patent Application No." insert "044,834/09" and delete "＿＿＿＿＿."

On page 1, line 9, after "Distributed System", delete "bearing attorney docket no. 06502.0011-03000."

On page 1, line 10, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

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On page 1, line 11, after "U.S. Patent Application No." insert "044,916/09" and delete "_____."

On page 1, line 12, before "and filed on the same date," delete "bearing attorney docket no. 06502.0011-04000."

On page 1, line 12, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 1, line 13, after "U.S. Patent Application No." insert "044,919/09" and delete "_____."

On page 1, line 14, after "Distributed System," delete "bearing attorney docket no. 06502.0062-01000."

On page 1, line 15, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 2, line 1, after "U.S. Patent Application No." insert "044,938/09" and delete "_____."

On page 2, line 2, after "Method Invocation," delete "bearing attorney docket no. 06502.0102-00000."

On page 2, line 2, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 2, line 4, after "U.S. Patent Application No." insert "045,652/09, (now U.S. Patent No. 6,134,603)" and delete

On page 2, line 5, after "Remote Methods" delete " bearing attorney docket no. 06502.0103-00000."

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On page 2, line 5, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 2, line 7, after "U.S. Patent Application No." insert "044,790/09" and delete

On page 2, line 8, after Distributed System, delete "bearing attorney docket no. 06502.0104-00000."

On page 2, line 9, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 2, line 10, after "U.S. Patent Application No." insert "044,930/09" and delete

On page 2, line 12, before "and filed on the same date," delete "bearing attorney docket no. 06502.0105-00000."

On page 2, line 12, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 2, line 13, after "U.S. Patent Application No." insert "044,917/09" and delete "_____."

On page 2, line 14, after "Remote Methods," delete "bearing attorney docket no. 06502.0106-00000."

On page 2, line 14, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 2, line 16, after "U.S. Patent Application No." insert "044,835/09" and delete "_____."

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On page 2, line 17, after "in a Database," delete "bearing attorney docket no. 06502.0107-00000."

On page 2, line 18, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 2, line 19, after "U.S. Patent Application No." insert "044,839/09" and delete "_____."

On page 2, line 20, after "in a Database," delete "bearing attorney docket no. 06502.0108."

On page 2, line 20, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 3, line 1, after "U.S. Patent Application No." insert "044,945/09" and delete "_____."

On page 3, line 2, after "in a Database, delete "bearing attorney docket no. 06502.0109-00000."

On page 3, line 2, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 3, line 4, after "U.S. Patent Application No." insert "044,931/09" and delete "_____."

On page 3, line 5, after "Distributed System" delete "bearing attorney docket no. 06502.0110-00000."

On page 3, line 5, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

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On page 3, line 7, -after "U.S. Patent Application No." insert "044,939/09" and delete "_____."

On page 3, line 8, after "Distributed System," delete "bearing attorney docket no. 06502.0112-00000."

On page 3, line 9, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 3, line 10, after "U.S. Patent Application No." insert "044,826/09" and delete "_____."

On page 3, line 11, after "Lookup Service," delete "bearing attorney docket no. 06502.0113-00000."

On page 3, line 11, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 3, line 13, after "U.S. Patent Application No." insert "044,932/09" and delete "_____."

On page 3, line 14, after "Distributed System," delete "bearing attorney docket no. 06502.0114-00000."

On page 3, line 15, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 3, line 18, after "U.S. Patent Application No." insert "044,936/09" and delete "_____."

On page 3, line 19, after "Memory Spaces," delete "bearing attorney docket no. 06502.0116-00000."

On page 3, line 20, delete, "the same date herewith," and insert "March 20, 1998."

On page 4, line 1, after "U.S. Patent Application No." insert "044,934/09" and delete "_____."

On page 4, line 2, before "and filed on the same," delete "bearing attorney docket no. 06502-0117-00000."

On page 4, line 2, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 4, line 3, after "U.S. Patent Application No." insert "044,915/09 (now issued as U.S. Patent No. 6,138,238" and delete "_____."

On page 4, line 3, after "Access Control," delete "bearing attorney docket no. 06502.0118-00000."

On page 4, line 4, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 4, line 5, after "U.S. Patent Application No." insert "044,944/09" and delete "_____."

On page 4, line 6, before "and filed on the same," delete "bearing attorney docket no. 06502.0119-00000."

On page 4, line 6, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 4, line 7, after "U.S. Patent Application No." insert "044,837/09" and delete "_____."

On page 4, line 8, after "Requirements," delete "bearing attorney docket no. 06502.0120-00000."

On page 4, line 8, after "filed on," insert "March 20, 1998" and delete "the same date herewith."

On page 12, line 19, "after "U.S. Patent Application No.," insert "044,826/09," delete"_____."

On page 13, line 6, before "entitled 'Apparatus and Method," insert "044,939/09," delete "_____."

Claims

5. (Amended) A distributed computer system comprising:

a memory containing a first virtual machine;

a memory containing a second virtual machine executing a process that receives, from the first virtual machine, a registration of interest in an event and transmits a message in response to the occurrence of the event, the registration of interest and the message including computer code; [and]

a memory containing a third virtual machine for receiving the message and executing the computer code; and